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Signature: Linda Cartrell

PATENT
Docket No.: P1535

**IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: JEFFERY MING-JER YANG ET AL. SERIAL NO.: 10/632,683

FILED: AUGUST 1, 2003 EXAMINER: UNKNOWN

ART UNIT: 2817

TITLE: ASYMMETRIC, OPTIMIZED COMMON-SOURCE
BI-DIRECTIONAL AMPLIFIER

**COMMISSIONER FOR PATENTS
PO BOX 1450
ARLINGTON, VA 22313-1450**

TRANSMITTAL LETTER

Dear Sir:

In connection with the above-referenced patent application, transmitted herewith are the following:

1. Information Disclosure Statement (1 page);
2. Information Disclosure Statement Form PTO/SB/08 (2 pages);
3. Copy of Reference No.1 (5 pages);
4. Copy of Reference No. 2 (15 pages);
5. Copy of Reference No. 3 (5 pages);
6. Copy of Reference No. 4 (4 pages);

7. Copy of Reference No. 5 (5 pages);
8. Copy Of Reference No. 6 (2 pages); and
9. Post card in acknowledgment of receipt of all transmitted material.

Please date-stamp the enclosed post card and return same to the undersigned in acknowledgment of receipt of all transmitted material.

Respectfully submitted,



Robert E. Kasody
Reg. No. 50,268

REK/khg

Date: _____

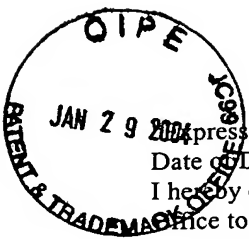
1/28/2004

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Typed or Printed Name of Person Mailing Paper or Fee: Linda Cantrell

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INFORMATION DISCLOSURE STATEMENT

Applicant hereby makes available the referenced patents listed on form PTO/SB/08, Information Disclosure Statement by Applicant to assist the Patent and Trademark Office in its examination of this application.

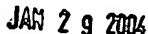
This disclosure of the reference does not constitute an admission that it is relevant or material to the claims or is "prior art" to the subject application. No representation is made that better references do not exist.

Complete copies of the referenced art are enclosed.

Respectfully submitted,

Robert E. Kasody
Reg. No. 50,268

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Dated: 1/28/2004
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Substitute for form 1449/PTO

(Use as many sheets as necessary)

Sheet	1
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of 2

Complete if Known

Application Number	10/632.683
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Filing Date	August 1, 2003
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First Named Inventor	J. Ming-Jer Yang
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Art Unit	2817
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Examiner Name	unassigned
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Attorney Docket Number	P1535
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U. S. PATENT DOCUMENTS

5
15
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FOREIGN PATENT DOCUMENTS

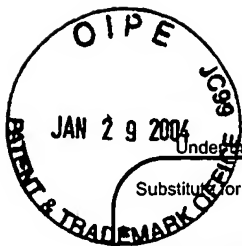
[illegible]

Examiner Signature		Date Considered	
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Complete if Known**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Application Number	10/632,683
Filing Date	08/01/03
First Named Inventor	J. Ming-Jer Yang
Art Unit	2817
Examiner Name	unassigned
Attorney Docket Number	P1535

Sheet	1	of	2
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		JM YANG ET AL, GaAs Bi-Directional Amplifier for Low Cost Electronic Scanning Array Antenna; IEEE GaAs Digest; 04/03, pp 129-130; USA	
		KI YOUNG KIM ET AL., Cellular/PCS Dual-Band MMIC Power Amplifier of a Newly Devised Single-Input Single-Chain Network; IEEE GaAs Digest; 04/03, pp 129-130; USA	

Examiner Signature		Date Considered	
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